

ANSI Transactions Set 850 (Purchase Order)
Version 3050 (Only)
Last Update: 01 Mar 2003

Below is the Implementation Convention for Implementation of the ANSI Transaction Set 850 (Purchase Order) for ANSI Version 3050. Any Vendors receiving these transactions should map for all segments identified below.

Update History:

03 Oct 2000 – added “VP” qualifier to PO108 element

01 Mar 2003 – added REF*ZZ segment to signify customer ‘Required Delivery Date’

1. ST - Transaction Set Header (1/ST/010)

ST01 - Transaction Set Identifier Code - 143 = (850) Purchase Order

ST02 - Transaction Set Control Number - 329 = System Generated

2. BEG - Beginning Segment for Purchase Order (1/BEG/020)

BEG01 - Transaction Set Purpose Code - 353 = 00 (Original) or
07 (Duplicate) or
22 (Information Copy)

BEG02 - Purchase Order Type Code - 92 = RL (Release Order Qualifier)

BEG03 - Purchase Order Number Code - 324 = Basic Contract Number

BEG04 - Release Number - Code - 328 = Delivery Order/Call Number

BEG05 - P.O. Date - Code - 373 = Delivery/Purchase Order Date

BEG09 - Contract Type Code - Code 1166 = FR (Firm Fixed Price Contract)

FX (Fixed Price with Economic Price Adjustment)

BEG10 - Purchase Category - Code 1232 = SP (Supplies)

3. REF - Reference Numbers (1/REF/050)

REF01 - Ref Number Qualifier - Code 128 = K4 (Criticality Designator Qualifier)
DS (DPAS Qualifier)

REF02 - Reference Number - Code 127 = Criticality/DPAS Code

4. FOB - FOB Related Instructions (1/FOB/80)

FOB01 - Ship Method of Payment - Code 146 = PP (Trans Chgs billed as sep item on invoice
not included in unit price)

PS (Trans chgs not billed as sep item on
invoice - are included in unit price)

FOB02 - Location Qualifier - Code 309 = (FOB Point)

DE = Destination

OR = Origin

FOB06 - Location Qualifier - Code 309 = (Insp/Acceptance Point)

DE = Destination

OR = Origin

5. ITD - Terms of Sale/Deferred Terms of Sale (1/ITD/130) MOCAS ONLY

ITD03 - Terms Discount Percentage - Code 338 = Discount Percentage

ITD05 - Terms Discount Days - Code 351 = Discount Days

Note: Where there are multiple discount terms there will be one ITD03/ITD05 pair for each discount period

6. MEA - Measurements (1/MEA/200) MOCAS ONLY

MEA01 - Measurement Ref ID Code - Code 737 = BT
MEA04 - Unit of Measure - Code 355 = Govt. Unit of Issue
MEA05 - Range Minimum - Code 740 = % of Variance Over
MEA06 - Range Maximum - Code 741 = % of Variance Under

7. AMT Loop

This loop (these three segments) will only be sent to POPS Vendors who also are Govt. entities, such as UNICOR (Federal Prisons Industries, NIB, NISH)

a) AMT - Monetary Amount (1/AMT/287)

AMT01 - Amount Qualifier - Code 522 = KC (obligated)
AMT02 - Monetary Amount - Code 782 = The obligated amount

b) AT - Financial Accounting (1/AT/288)

AT02 - Treasury Symbol Number - Code 1282 = Accounting Data
AT07 - Accountable Station Number - Code 1287 = S33150 (Richmond)
AT09 - Description - Code 352 = More Accounting Data in Free Form

c) REF - Reference Numbers (1/REF/289) Richmond MOCAS ONLY

REF01 - Reference Number Qualifier - Code 128 = AX (ACRN)
REF02 - Reference Number - Code 127 = The two Character ACRN

8. N9 - Reference Number (1/N9/290)

N901 - Reference Number Qualifier - Code 128 = KD (Special Instruction Number)
N902 - Reference Number - Code 127 = literal "REMARKS"
N903 - Free Form Discription - Code 369 = literal "DISC"

9. MSG - Message Text (1/MSG/300)

MSG01 - Free form Message text - Code 933 = Free Form Message text

10. N1 - Name Loop

N1- Name (1/N1/310)

N101 - Entity Identifier - Code 98 = PO (Party to Receive Invoice)
SE (Selling Party)
BY (Buying Party)
C4 (Contract Administration Office)
PL (Entity to Receive Copy of PO)
CY (FMS)
PR (Paying Office)

N102 - Name - Code 93 = Name

N103 - ID Code Qualifier - Code 66 = 10 (DODAAC Qualifier)
33 (CAGE Code Qualifier)

N104 - Identification Code - Code 67 = Actual DODAAC or CAGE Code

N2 - Additional Name (1/N2/320)

N201 - Additional Name - Code 93 = Additional Name 1 or Address Line 2
N202 - Additional Name - Code 93 = Additional Name 2

N3 - Address (1/N3/330)

N301 - Address - Code 166 = Address Line 1 or Address Line 3
N302 - Address - Code 166 = Address Line 2 or Address Line 4 Used for Overseas Addresses
or Address Line 4 When unable to parse the city, state and zip.

N4 - Geographic Location (1/N4/340)

N401 - City Name - Code 19 = City Name

N402 - State/Province - Code 156 = State Code

N403 - Postal Code - Code 116 = Postal Code

N404 - Country Code - Code 26 = Country Code

11. LM Loop.

a) LM - Code Source Information (1/LM/430)

LM01 - Agency Qualifier Code - Code 559 = DF (Department of Defense)

b) LQ - Industry Code (1/LQ/440)

LQ01 - Code List Qualifier - Code 1270 = 6 (EFT Code Qualifier)

LQ02 - Industry Code - Code 1271 = T

12. PO1 - Purchase Order Baseline Item Data (2/PO1/010)

PO101 - Assigned ID - Code 350 = Clin/SubClin

PO102 - Quantity Ordered - Code 330 = Quantity ordered in vendor units

PO103 - Unit of Measure code - Code 355 = Vendor Unit of Issue

PO104 - Vendor Unit Price - Code 212 = Vendor Unit Price

PO106 - Product/Service ID Qualifier - Code 235 = FS (National Stock Number)

PO107 - Product/Service ID - Code 234 = Actual National Stock Number

PO108 - Product/Service ID Qualifier - Code 235 = VN (Vendors Item Number)
VP (Vendors Part Number)

PO109 - Product/Service ID - Code 234 = Actual Vendors Item Number

PO110 - Product/Service ID Qualifier - Code 235 = KM (Shelf Life Code)
ZB (Cage Code Qualifier)

PO111 - Product/Service ID - Code 234 = Shelf Life Code
Cage Code

13. PO3 - Additional Item Detail (2/PO3/030)

PO301 - Change Reason Code - Code 371 = AQ (Govt. Alt Qty/Measure Qualifier)

PO306 - Quantity - Code 380 = Govt. Quantity

PO307 - Unit/Basis of Measure - Code 355 = Govt. Unit of Measure

14. MEA - Measurements (2/MEA/049)

MEA02 - Measurement Qualifier - Code 738 = PO (Percent of Order)

MEA04 - Unit of Measure - Code 355 = P1 (percent)

MEA05 - Range Minimum - Code 740 = Minimum Percentage of Qty Ordered

MEA06 - Range Maximum - Code 741 = Maximum Percentage of Qty Ordered

15. PID - Product Item Description (2/PID/050)

PID01 - Item Descr Type - Code 349 = F (Free Form Text)

PID02 - Description - Code 352 = Item Description

16. REF - Reference Numbers (2/REF/100)

REF01 - Reference Number Qualifier - Code 128 = RQ (Purchase Requisition Number)

IL (Milstrip Requisition Number)

PH (Milstrip Priority Rating)

XE (Transportation Number)

P4 (Project Code)

T4 (Signal Code)

2E (FMS Case Number)

ZZ (RDD)

- REF02 - Reference Number - Code 127 = Purchase Requisition Number
Milstrip Requisition Number
Milstrip Priority Rating
Transportation Number
Project Code
Signal Code
FMS Case Number
Customers Required Delivery Date
17. SAC - Service, Promotion, Allowances or Charge Information (2/SAC/130)
SAC01 - Allowance or Charge Indicator - Code 248 = C (Charge)
SAC02 - Service, Promotion, Allowance, or Charge Code - Code 1300 = G740 (Service Charge)
H110 (Special Pkg)
I260 (Trans Direct
Billing)
ZZZ (Mutually Def)
- SAC05 - Amount - Code 610 = Total Amount of Charge
SAC06 - Allow/Charge Percent Qualifier - Code 378 = 6 (Base Price Amt.)
Z (Mutually Defined)
SAC07 - Percent - Code 332 = Percentage from Contract
18. PKG - Packaging Instructions (2/PKG/300)
PKG01 - Item Description Type - Code 349 = F (Free Form)
PKG05 - Description - 352 = Packaging Statements
19. LDT Loop
Loop Header (2/LS/320)
LS01 - Loop Identifier Code - Code 447 = LDT
- LDT - Lead Time (2/LDT/321)
LDT01 - Lead Time Code - Code 345 = AY (From Date of Award to Date of Delivery)
LDT02 - Quantity - Code 380 = Delivery Days
LDT03 - Unit of Time Period - Code 344 = DA (Days)
- Loop Trailer (2/LE/327)
LE01 Loop Identifier Code - Code 447 = LDT
20. N9 - Reference Number (2/N9/330)
N901 - Ref Number Qualifier - Code 128 = KD (Special Instructions Number)
FA (F.A.R. Reference)
N902 - Free Form Description - Code 369 = DISC (If KD)
522131 (If FA)
21. MSG - Message Text (2/MSG/340)
MSG01 - Free form Message text - Code 933 = "MRO"
22. N1 - Name Loop (2/N1/350)
N1- Name
N101 - Entity Identifier - Code 98 = ST (Secondary (freight) Ship to Address)
31 (Parcel Post Mailing Address Qualifier)
Z7 (Mark-for Party Address Qualifier)
N102 - Name - Code 93 = Name

N103 - ID Code Qualifier - Code 66 = 10 (DODAAC Qualifier)

N104 - Identification Code - Code 67 = Actual DODAAC

N2 - Additional Name (2/N2/360)

N201 - Additional Name - Code 93 = Additional Name 1 or Address Line 2

N202 - Additional Name - Code 93 = Additional Name 2

N3 - Address (2/N3/370)

N301 - Address - Code 166 = Address Line 1 or Address Line 3

N302 - Address - Code 166 = Address Line 2 or Address Line 4 Used for Overseas Addresses
or Address Line 4 When unable to parse the city, state and zip.

N4 - Geographic Location (2/N4/380)

N401 - City Name - Code 19 = City Name

N402 - State/Province - Code 156 = State Code

N403 - Postal Code - Code 116 = Postal Code

N404 - Country Code - Code 26 = Country Code

* When receiving code Z7 the sender may opt not to include the N2, N3, N4 data for code Z7.

N102 - Name - Code 93 = (Not Used)

N103 - ID - Code qualifier - Code 66 = 10 (DODAAC)

N104 - ID - Code 67 = The Mark-For DODAAC

23. AMT - Monetary Amount (2/AMT/600)

AMT01 - Amount Qualifier - Code 522 = 1 (Line item total)

AMT02 - Monetary Amount - Code 782 = Monetary Amount

24. REF - Reference Numbers (2/REF/610)

REF01 - Reference Number Qualifier - Code 128 = AX (ACRN)

REF02 - Reference Number - Code 127 = The two Character ACRN

25. LM Loop.

a) LM - Code Source Information (2/LM/620)

LM01 - Agency Qualifier Code - Code 559 = DF (Department of Defense)

b) LQ - Industry Code (2/LQ/630)

LQ01 - Code List Qualifier - Code 1270 = A9 (Supplementary Address Qualifier)

LQ02 - Industry Code - Code 1271 = Supplementary Address DODAAC

26. CTT - Transaction Totals (3/CTT/010)

CTT01 - Number of Line Items - Code 354 = Total number of PO1 Segments

27. AMT - Amount (3/AMT/020)

AMT01 - Amount Qualifier - Code 522 = TT (Total Order Amount Qualifier)

AMT02 - Monetary Amount - Code 782 = The total Transaction Amt

28. SE - Transaction Set Trailer (3/SE/030)

SE01 - # of Included segments - Code 96 = System generated total Number of Segments

SE02 - Transaction Set Control Number - Code 329 = System generated